

Manhole Inspection Summary

Manhole # S51C2_001MH

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Inspection Is Incomplete Rating: **3) Fair**

Record Plat: **51C2** Node: **001** Status: **Found**

Insp Date: **5/26/08 11:13 AM**

Incomplete Comments

Crew: **B**
Inspector: **CrewB**
Firm: **KEC**

Location Address: **3601 Fairfield Rd.**

Cross Street: **E. Patapsco Ave.**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **Manhole too deep to complete inspection with field equipment.**

Cover

Shape: **Circular**

Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **1** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: Bolted Vented Water Tight Water Tight Insert

Frame

Offset: **2** (in.)

Condition: Sound Cracked Leaks

Chimney / Frame Adjustment

Exists Material: **Brick**

Parged Height: **4** (in.)

Condition: Sound Cracked Root Intrusion Loose Brick **Deteriorated**

Infiltration: None **Joint** Cracks Mortar Roots **Wall**

Corbel

Material: **Brick**

Parged

Type: **Concentric/Eccentric**

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks Mortar Roots **Wall**

Barrel

Material: **Brick**

Parged

Shape: **Circular**

Diameter: **42** (in.) Length: (in.)

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks Mortar Roots **Wall**

Bench

Exists Material:

Parged

Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris

Channel

Material: **Unknown**

Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris

Steps

Count: **12** Missing: **1** **Corroded**

Surcharge

Evidence Of Surcharge Depth: (ft.) Active Surcharge Present

Location View



3601 Fairfield Rd.

Top View



Steps



Defect 1



Frame above the grade

Defect 2



Cracked chimney and infiltration

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64 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: (in.) Direct (Angled)
Pipe Material: **Unknown** Pipe Lined
Invert Depth: **3.00** (ft.) Flow Characteristics: **Turbulent**
Deposits: None Mud ~~Sludge~~ **Debris** Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**
 Possible Illicit Connection

54 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Pipe Height: (in.) Direct
Pipe Material: **Unknown** Pipe Lined
Invert Depth: **3.00** (ft.) Flow Characteristics: **Turbulent**
Deposits: None Mud ~~Sludge~~ **Debris** Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**
 Possible Illicit Connection

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10 in. Circular Gravity Sewer

10 O'Clock Inflow

Pipe In @ 10 O'Clock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **13.06** (ft.) Flow Characteristics: **Slow**

Deposits: None Mud ~~Sludge~~ **Debris** Grease

Silt Depth: **3** (in.) Deposits Extent: **Medium**

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection
